

PROJECT 10073 RECORD CARD

1. DATE 16 Jun 59		2. LOCATION Camp Lucas, Mich		12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon <input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft <input checked="" type="checkbox"/> Was Astronomical <u>Regulus</u> <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical <input type="checkbox"/> Other _____ <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown	
3. DATE-TIME GROUP Local _____ GMT <u>17/0400Z</u>		4. TYPE OF OBSERVATION <input type="checkbox"/> Ground-Visual <input checked="" type="checkbox"/> <u>Binoculars</u> <input type="checkbox"/> Air-Visual <input type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Intercept Radar			
5. PHOTOS <input type="checkbox"/> Yes <input type="checkbox"/> No		6. SOURCE <u>Military</u>			
7. LENGTH OF OBSERVATION <u>30 mins</u>		8. NUMBER OF OBJECTS <u>one</u>		9. COURSE <u>Northwest</u>	
10. BRIEF SUMMARY OF SIGHTING Sphere, size of a quarter, color changed fm a bright white to a reddish orange. At obj's 5 o'clock position there was a bright red spot. Some very small sparks fell fm obj, did not look like exhaust.				11. COMMENTS No radar pickup. Obj although rptd moving at high speed maintained same relative position for over 1/2 hour. Obj disappeared in NW. Star Regulus was above horizon in NW. at time of sighting & would have set prior to 2300 local time. Obj considered to be refraction of Regulus.	

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE DIVISION
UNCLASSIFIED MESSAGE
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OBSERVERS HOME. SIZE X OBJECT LIGHTS CAUSED OBSERVER TO GO OUTSIDE FOR FURTHER OBSERVATION. (2) AZIMUTH, FIVE (5) DEGREES; ELEVATION, THIRTY (30) DEGREES. (3) GRADUAL DESCENT TO THE SOUTHWEST AND BEHIND MOUNTAIN RANGE. (4) STRAIGHT LINE OF FLIGHT WITH NO MANEUVERING. (5) INSTANTANEOUSLY BEHIND THE MOUNTAINS. (6) THREE (3) MINUTES.

C. MANNER OF OBSERVATION. (1) GROUND-VISUAL. (2) NA. (3) NA.

D. TIME AND DATE OF SIGHTING. (1) 170430Z JUN 59; LOCAL TIME 162130 JUN 59. (2) NIGHT. E. LOCATION OF OBSERVERS. HENDERSON, NEVADA.

GEOGRAPHIC POSITION 115 DEGREES 00 FEET W 36 DEGREES 02 FEET N.

F. IDENTIFYING INFORMATION ON OBSERVERS. (1) [REDACTED], [REDACTED], HENDERSON, NEVADA, SALESMAN FOR SUNRISE BOWLERDROME, HENDERSON, NEVADA. F-3. [REDACTED], SAME ADDRESS, HOUSEWIFE. F-3. G. WEATHER AND WINDS-ALOFT CONDITIONS AT TIME AND PLACE OF SIGHTING. (1) CLEAR NIGHT WITH GOOD VISIBILITY. MOON WAS ALSO OUT. (2) WEATHER REPORT FROM FORECASTER AT NELLIS AIR FORCE BASE, NEVADA:

ALTITUDE DIRECTION SPEED

SURFACE	200	7 KTS
5,000	200	15 KTS
10,000	220	15 KTS

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16,000 240 22 KTS

20,000 240 28 KTS

30,000 230 34 KTS

40,000 200 40 KTS

60,000 160 15 KTS

H. NONE. I. NONE. J. NONE. K. NCO, 4524TH CCRTRSQ INTELLIGENCE.

SIZE OF OBJECT IS IN DOUBT; SOURCE COULD NOT MAKE THE COMPARISON

REQUIRED BY PARAGRAPH A2, ABOVE, BUT MERELY REPEATED THAT THE

OBJECT APPEARED TO BE THE SIZE OF A BASKETBALL. NO PRELIMINARY

ANALYSIS OF OBJECT CAN BE MADE. L. NONE

BT

19/1750Z JUN RJWZSJ

ACTION: CIN

INFO : SAFS, OOP

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W/jry

SUNSET at 1931
end of twilight at 2131
obj seen in west

2030 PST

E C M P
75-90-105-120

19 JUNE
SUNSET @ 1937 Z
END TWILIGHT @ 2103
obj. obs. @ 0430 Z or 2050 PST
or 2010 LOCAL
1/5 = 2010 LOCAL
~~obj. obs. @ 0430 Z or 2050 PST~~
~~or 2010 LOCAL~~

16 JUN 59
NEV

10 ATIC for
items for reply for
checked items
Harker

[REDACTED]
Oklahoma City 6, Okla.
16 July 1959

Dear Major Tacker:

I refer to your letter of 10 July 1959, concerning Unidentified Flying Objects.

✓ I would like to know that name of the present director of Project Bluebook.

✓ At the present time, I have lend the UFO photograph I mentioned out for a private analysis. However, when I receive it back. I will forward it. Should I send it to your office or directly to the ATIC?

He wants to know
Is there any copy of JANAP 146 nearer than Washington, D. C.? For example, is there one at Tinker Air Force Base, here in Oklahoma City? If so, may I examine it?

✓ When is the evaluation of the Henderson, Nevada UFO sighting of 16 June 1959 expected to be complete?

✓ I would also like to request the ATIC conclusion(s) on the UFOs sighted by Captain [REDACTED], of the Pan American World Airways System on 11 July.

Sincerely,

[REDACTED]

Lawrence J. Tacker
Major, USAF
Executive Officer
Public Information Division
Office of Information Services
United States Air Force
Headquarters, USAF
Washington 25, D. C.

Atch H-1

AFOTM-448g

UFO Reports

SAFIS-3 (Major L. J. Tacker)

11 AUG 1959

1. The following information is in answer to items checked in Mr. [REDACTED]'s letter, copy attached:

a. Your office is aware of the identity of the present project officer.

b. The photograph should be sent directly to the ATIC with the original negative and the following information:

- (1) Type of camera.
- (2) Type of lens.
- (3) Shutter speed.
- (4) Diaphragm opening.
- (5) In what direction was camera pointed?
- (6) Location of sun, if taken during the day.
- (7) The exact time of day.
- (8) Sky condition.
- (9) Location of observer.

c. The lights sighted from Henderson, Nevada were evaluated as probably aircraft lights. The Aircraft Lighting Systems Branch of WADC was contacted and they disclosed that most of the present aircraft have two tail lights, one yellow and one white. On some aircraft, such as the F-100, the light is up high on the vertical stabilizer and can be seen from almost any angle. The setting of the switch by the pilot determines whether it flashes or is steady. If the white light is burned out, only the yellow light will be seen. If both are lit, they will have a slight yellow-orange tint. The location of the lights given by the witness is on airway V-21 and V-3 which run NE to SW. The apparent descent probably was due to the rising of the terrain south of the witness' location. There is nothing to indicate that the lights were anything more than the tail lights of aircraft.

2. The streak and object sighted by Miss [redacted] and her friend have all the characteristics of a high altitude aircraft leaving a contrail. The nautical almanac indicates evening twilight ended at 2131 local time, and Miss [redacted] saw the object between 2030 and 2100 hours. At this time of day an aircraft will appear very bright as it is up high enough to reflect the sun's rays. The fact that the witnesses observed it in the west bears out the ATIC conclusion that they saw an aircraft leaving a contrail. Copy of letter attached.

3. Mr. [redacted], Covina, California submitted an UFO report and a portion of roll film. The following additional information is required in order to make an analysis of the sighting:

- a. Was the film used 16MM film split to be used in an 8MM camera?
- b. Was the camera used a still or movie camera? What was the make of the camera?
- c. Did the camera have sprockets for transporting the film, or was the film transported by friction?
- d. What was the shutter speed and lens opening used while taking the pictures?
- e. Was the camera hand held, or was it on something sturdy?

4. Request Mr. [redacted] send the original negative of the print he submitted to ATIC for analysis. Copy of Mr. [redacted] letter attached.

5. Reference letter from Mr. [redacted], copy attached. The ATIC cannot operate a photographic distribution center. The cost of material and the number of manhours required would be prohibitive. Suggest Mr. [redacted] contact the owners of the photographs, as they are returned to the owners by this Center.

6. Reference letter from Mr. [redacted], copy attached. The ATIC agrees with Mr. [redacted] conclusion as to the nature of his sighting. The haze, in conjunction with the hot air, will sometimes create weird phenomena.

FOR THE COMMANDER:

GORDON C. HOFFMAN
Colonel, USAF
Actg. Deputy for Sciences
and Components

5 Atch:

1. Ltr dtd 16 July 59, fr Mr. [redacted]
2. Ltr dtd 12 July 59, fr Miss [redacted]
3. Ltr dtd 25 July 59, fr Mr. [redacted]
4. Ltr dtd 29 July 59, fr Mr. [redacted]
5. Ltr dtd 5 July 59, fr Mr. [redacted]

2 September 1959

Dear Mr. [REDACTED]:

This is to acknowledge your letter of 16 July 1959 requesting information on the subject of Unidentified Flying Objects.

The present project officer for "Project Bluebook" is Major Robert J. Friend.

The UFO photograph you mention should be sent directly to the Air Technical Intelligence Center at Wright-Patterson Air Force Base, Ohio, with the original negative and the following information:

1. Type of camera.
2. Type of lens.
3. Shutter speed.
4. Diaphragm opening.
5. In what direction was camera pointed?
6. Location of sun, if taken during the day.
7. The exact time of day.
8. Sky condition.
9. Location of observer.

To my knowledge, there are no copies of JANAP 146 at Tinker Air Force Base. Therefore you will have to visit this office to read this directive.

The light sighted over Henderson, Nevada, on 16 June 1957 was evaluated as aircraft lights. The Pacific sightings of 11 July 1959 were attributed to exceptionally bright and large meteors known as "fireballs."

Sincerely,

LAWRENCE J. TACKER
Major, USAF
Public Information Division
Office of Information Services

Mr. [REDACTED]
[REDACTED]
Oklahoma City 6, Oklahoma

Comeback IS-31
Reader IS-1

INCOMING

16 JUNE 59
JF 3

SMD B032

ZCZCHQA038ZCYJD940

PP RJEZHQ

DE RJEDAHM 8

P 191940Z

FM COMDR 753D ACWRON SAULT STE MARIE AFS MICH

TO RJWFALB/COMDR AIR DEFENSE COMMAND ENT AFB

RJEDSQ/COMDR AIR TECHNICAL INTELLIGENCE CTR WRIGHT PATTERSON AFB

RJEZHQ/ASSISTANT CHIEF OF STAFF INTELLIGENCE HDQS USAF WASH 25

RJEZHQ/OFFICE OF INFORMATION SERVICES HDQS USAF WASH 25

INFO RUEPBL/COMDR 1006 AISS FORT BELVOIR

RJEDAH/OMDR 30TH ADIV TRUAX FLD

AF GRNC

BT

/UNCLASSIFIED/OPN 698. SUBJECT: ATTN: ODI UNIDENTIFIED

FLYING OBJECT REPORT (UFOB). THE FOLLOWING REPORT IS SUBMITTED

IN ACCORDANCE WITH AFR 200-2.

A. DESCRIPTION OF THE OBJECT

(1) SPHERE

(2) THE SIZE OF A QUARTER

(3) COLOR CHANGED FROM A BRIGHT WHITE TO A REDISH ORANGE

(4) 1

N/A

(6) LOOKING AT THE OBJECT AS A CLOCK; TO THE 5 O'CLOCK

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INCOMING

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POSITION THERE WAS A BRIGHT RED SPOT. THIS SPOT REMAINED RED
THROUGHOUT THE SITING.

(7) SOME VERY SMALL SPARKS FELL FROM IT. DID NOT LOOK LIKE
EXHAUST.

(8) NO SOUND WAS HEARD

(9) NONE

B. DESCRIPTION OF COURSE OF OBJECT:

(1) THE INTENSE BRIGHTNESS OF THE OBJECT

(2) 92 MILS - AZIMUTH 5400 MILS

(3) 60 MILS - AZIMUTH 5440 MILS

(4) OBJECT SEEMED TO ORBIT THE SPOT WHERE IT WAS FIRST SIGHTED
FOR APPROXIMATELY FIVE MINUTES. LATER IT MOVED AWAY ON A
NORTHWEST HEADING. IT HELD THIS DIRECTION OF FLIGHT UNTIL
IT DISAPPEARED OVER THE HORIZON.

(5) DISAPPEARED INSTANTLY TO THE NORTHWEST.

(6) OBJECT WAS VISIBLE FOR 30 MINUTES.

C. MANNER OF OBSERVATION:

(1) GROUND VISUAL

(2) TELESCOPES ON AAA GUNS AND BINOCULARS

(3) N/A

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INCOMINT

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D. TIME AND DATE OF SIGHTING

(1) 0400 GREENWICH MEAN TIME 17 JUNE 1959

(2) CIGHT

E. LOCATION OF OBSERVERS

47:30 NORTH 84:20 WEST SLIGHTLY NW OF SAULT STE MARIE, MICHIGAN

I DID NOT TAKE TACTICAL ACTION. AFTER AMASSING THE FULL REPORT FROM THE PEOPLE WHO SAW THE OBJECT, CONCLUDED THAT IT MAY POSSIBLE HAVE BEEN THE REFLECTION OF LIGHT, PRODUCED BY THE FURNACES OF THE ALGOMA STEEL COMPANY REFLECTED FROM A CLOUD OF SMOKE.

F. IDENTIFYING INFORMATION ON AN OBSERVER

(1) N/A

(2) MILITARY - SCHLENSIG, SSGT - RELIABLE

RITZ, SPEC. R A RELIABLE

BATTERY "C" 68TH GUN BATTALION, CAMP LUCAS, ICHIGAN

G. WEATHER AND WINDS ALOFT CONDITIONS AT TIME AND PLACE OF SIGHTING.

(1) LEAR,

(2) 10,000KT 240 AT 25K, 25,000KT 020 AT 40 15,000 FT 030 AT 30K

(3) 6,000 BROKEN

(4) ISIBILITY 1.5 MILES

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(5) NONE

(6) NONE

H. NONE

I. NONE

J. KC-135 FIFTY MILES SOUTHWEST 32M' ALTITUDE, FLYING NORTHWEST FOR 100 NM THEN FLYING SOUTHEAST FOR 200 NM. W FLIGHT TEST A/M

L. NONE

COMMENTS OF PREPARING OFFICER: 1ST LT. L.M STINGLEY ON DUTY.

WHEN AAA FIRST REPORTED THE OBJECT, THEY REPORTED IT AS A WHITE LIGHT WITH A FLASHING RED LIGHT ON TOP., WHICH WAS IN ORBIT. I

ASSUMED THAT THIS WAS PROBABLY A CARGO OR PASSENGER TYPE A/C EQUIPPED WITH A GRIMES LIGHT. THE OBJECT COULD NOT BE PICKED UP BY ELECTRONIC MEANS, NOR COULD AAA PICK IT UP ON THEIR RADAR. SINCE THE OBJECT WAS NOT IN AN ADIZ, AND WHEN IT DID MOVE IT MOVED TO THE NORTHWEST, PLUS THE FACT THAT NO ONE HAD ELECTRONIC CONTACT WITH THE OBJECT

BT

19/2004Z JUN RJEDAHM

ACTION: CIN

INFO : OOP, SAFS

AF IN : 1111 (20 June 59)

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W/jry

UFO ANALYSIS SHEET

Location Sault Ste. Marie (Camp Lucas), Michigan

Date 16 June 59 Hour (22) 0400Z

WX 6000' broken, vis 1.5 miles, winds SW @ 25K and NE @ 30 to 40 Knots

Description Sphere, size of a quarter, color changed from a bright white to a reddish orange, at objects 5 o'clock position there was a bright red spot. Some very small sparks fell from object, did not look like exhaust. First seen 92 mils (5 deg) above horiz @ 303 degrees, (over)

Direction of Motion Northwest

Satellite: (AFCIN-4F3, Phone 69219) Ruled out

Astronomical Phenomena (Meteor, Comet, Planet, etc) Ruled out - object only moved about 1 1/2 degrees in 30 minutes.

Radar Analysis (AFCIN-4E1) None

Natural Phenomena (Ball Lightning, etc) Ruled out

Aircraft, Balloons, Airships, etc. Ruled out

Other Probably a reflection - however, there is insuff data to form a valid conclusion.

Evaluation of Source Reliability

Analysis and Conclusions: The object moved only about 1 1/2 degree in 30 minutes. If the reported visibility is correct, this might account for the apparent large size. The disappearance of the object was prob. due to the wind dispersing the clouds. The reason for the small vis. was not given, and the wind direction below 10,000' was not given. Therefore, it is not known if the wind direction is correct to move the clouds to the NW. There is insufficient data to form a valid conclusion.

last seen 60 mils (3.5 deg) above horiz @ 305.5 degrees. Object seemed to orbit the spot where it was first sighted for approx five minutes, then it moved away on a NW heading until it disappeared over the horizon. Object was visible for 30 minutes. Object was viewed through AAA gun scope and binoculars.

approx. point where
object was reported
is approx 4000 ft in
elevation. Elevation

~~is approx~~
1988 ft. ~~at Henderson~~

The mountain range
to the SW of Henderson
rise to as high as
7979 ft, starting at
3000 ft just SW of
Henderson.

PROJECT 10073 RECORD CARD

1. DATE 16 Jun 59	2. LOCATION d. Henderson, Nevada		12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon <input type="checkbox"/> Was Aircraft <input checked="" type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft <input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical <input type="checkbox"/> Other _____ <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown
3. DATE-TIME GROUP Local _____ GMT 17/0130Z	4. TYPE OF OBSERVATION <input checked="" type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar		
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. SOURCE Civilian		
7. LENGTH OF OBSERVATION 3 mins	8. NUMBER OF OBJECTS 2	9. COURSE SW	
10. BRIEF SUMMARY OF SIGHTING Two yellow-orange, rnd obj's in trail, size of a basketball, traveling at slow rate of speed approx one mile apart. Straight line of flight w/no maneuvers.		11. COMMENTS Probably an a/c at high alt reflecting the setting sun.	

DEPARTMENT OF THE AIR FORCE

STAFF MESSAGE DIVISION

UNCLASSIFIED MESSAGE

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16 JUN 59
P 5A
3

SMD C 239

CZCHQB840ZCQJB910

RR RJEZHQ

DE RJWZNJ 23

R 191724Z

FM 4520CCRTNGWG NELLIS AFB NEV

TO RJWFAL/ADC

RJWZJB/27AD

RJEDSQ/AIRTECINTELCEN

RJEZHQ/COFS USAF

INFO RUEPBL/1006AISS

AF GRNC

BT

UNCLAS FR TI-06 0494. ATTN: COFS USAF FOR AFCIN & SAFIS. SUBJECT:

UNIDENTIFIED FLYING OBJECT. REPORT SUBMITTED IN ACCORDANCE WITH

AR 200-2 PARAGRAPH 15, 15 FEB 59. A. DESCRIPTION OF OBJECT(S) (1)

ROUND (2) BASKETBALL. (3) YELLOWORANGE. (4) TWO (2). (5). IN TRAIL.

(6) NONE. (7) NONE. (8) NONE (9) OBJECTS FIRST SIGHTED AS DIFFUSED

YELLOWISH-ORANGE LIGHTS TRAVELING AT SLOW RATE OF SPEED APPROXIMATELY

ONE (1) MILE APART. OBJECTS APPEARED IN AREA BETWEEN HENDERSON,

NEVADA AND NELLIS AIR FORCE BASE. DISTANCE FROM OBSERVER TO AREA OF

OBJECT APPROXIMATELY EIGHT TO NINE NAUTICAL MILES. B. DESCRIPTION OF

COURSE OF OBJECT(S). (1) OBJECT FIRST OBSERVED THROUGH WINDOW OF

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